

19990514.qrp v01_n457.qrl.990514

Date: Fri, 14 May 1999 19:03:14 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1457

QRP-L Digest 1457

Topics covered in this issue include:

- 1) [40374] Re: AR QRP Net tonight
by malman@world.std.com (Joel Malman)
- 2) [40375] Re: DESERT RATT (ascii drawing)
by "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
- 3) [40376] Superregeneration (was Re: Da Desert Ratt stuff)
by "Mike Silva" <mjsilva@jps.net>
- 4) [40377] Desert Ratt Parts and At The CB Store
by "Harry T. Hurst, WA3PTG" <hhurst@delaware.infi.net>
- 5) [40378] 1998/1999 QRP-L FOXHUNT RESULTS (fwd)
by "Paul R. Valko" <prvalko@oakland.edu>
- 6) [40379] The new Blue Racer is here!
by Jess Gypin <jessqrp@concentric.net>
- 7) [40380] RS Nibbler -- Not
by "Jeffrey L. L. Greer" <wd4et@juno.com>
- 8) [40381] FOX CORRECTION!!! It's ToTally cRazY!!!
by "Paul R. Valko" <prvalko@oakland.edu>
- 9) [40382] NYC area welcome for G4WIF & G3MFJ
by S LYON <sslyon@worldnet.att.net>
- 10) [40383] Re: QRPp
by Peter Demmer <ampruss@hits.net>
- 11) [40384] Re: LED night light?
by Peter Demmer <ampruss@hits.net>
- 12) [40385] Blue Racer
by sdk@worldpath.net
- 13) [40386] Re: FOX CORRECTION!!! It's ToTally cRazY!!!
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 14) [40387] bo-k may 14
by "Down" <adown@sprint.ca>
- 15) [40388] FDIM 1999 report (kinda long)
by Dan Puckett <dpuckett@erinet.com>
- 16) [40389] Osciloloscope Info
by "Dennis B. Dolle" <dolledb@cet.com>
- 17) [40390] Band conditions on 40m
by "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
- 18) [40391] CW Training Net?
by "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
- 19) [40392] 3n152

- by Jerry Parker <jparker@fix.net>
- 20) [40393] Hash!
by "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
- 21) [40394] 2N2/40 Info
by "Paul Harden, NA5N" <na5n@rt66.com>
- 22) [40395] Callsign
by "Charles Hamel" <cdhamel@pdq.net>
- 23) [40396] Dayton and FDIM
by "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>
- 24) [40397] Instructograph
by "William Penhallegon" <w4stx@gte.net>
- 25) [40398] Buckmasters and more page
by Tom Palmer <n1tp@worldnet.att.net>
- 26) [40399] Re: FOX CORRECTION!!! It's ToTally cRazY!!!
by Wayne Alexander <walexan@ipa.net>
- 27) [40400] Re: Callsign
by "William Black" <bill.and.karen@worldnet.att.net>
- 28) [40401] Pegasus flies to Dayton...
by "Radman" <radman@best.com>
- 29) [40402] Soldering Stations for the K2, etc.
by Thomas Kuehl <ac7a@uswest.net>
- 30) [40403] 80m xcvr--Oct91QQ
by Wes Spence <ac5k@ih2000.net>
- 31) [40404] Re: FOX CORRECTION!!! It's ToTally cRazY!!!
by Shephed@aol.com
- 32) [40405] Trac Keyer info request
by DNT1@daimlerchrysler.com
- 33) [40406] HamCom and QRP-L event
by kreinbd@ccgate.dl.nec.com (David Kreinberg)
- 34) [40407] DESERT RATT Question about L1
by "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>
- 35) [40408] K2 SSB option?
by Arjen Raateland <Arjen.Raateland@vyh.fi>
- 36) [40409] NH to Austraila @ 4.5w...
by =?ISO-8859-1?Q?"KB=D8VCC"?= <kb0vcc@rocketmail.com>
- 37) [40410] Re: HamCom and QRP-L event
by "W5TB - 'Doc' Drake" <w5tb@SoftHome.net>
- 38) [40411] Alive and kicking
by pelt@vt.edu
- 39) [40412] Re: NH to Austraila @ 4.5w...
by "W5TB - 'Doc' Drake" <w5tb@SoftHome.net>
- 40) [40413] FS or TRADE: NC20 -- SOLD
by Dick Schneider <rschneid@ix.netcom.com>
- 41) [40414] Blue Racer
by sdk@worldpath.net
- 42) [40415] UPDATE: 20 w linear kit
by "Steven Weber" <kd1jv@moose.ncia.net>
- 43) [40416] Re: CW net

by "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
44) [40417] Re: Pegasus flies to Dayton...
by "George T. Baker" <w5yr@swbell.net>
45) [40418] Re: DESERT RATT Question about L1
by "Paul Harden, NA5N" <na5n@rt66.com>
46) [40419] HamCom Schedule
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
47) [40420] Re: Alive and kicking
by applitech@mcg.net (Claton Cadmus)
48) [40421] Re: Alive and kicking
by Bob Hightower <ki7mn@extremezone.com>
49) [40422] Re: NH to Australia @ 4.5w...
by "John J. McDonough" <jjmcd@tm.net>
50) [40423] Re: FDIM Scoop - K2 Winner
by Tim Ahrens <tahrens@hilconet.com>
51) [40424] I Passed
by Jim_Sweeden@beavton.k12.or.us (Jim Sweeden)
52) [40425] WAVE! Was: I Passed
by Rod Cerkoney <rcw@frii.com>
53) [40426] QRP SILENT KEY
by HWRM1SS@aol.com
54) [40427] Re: WAVE! Was: I Passed
by "Chris Cieslak" <ccieslak@law.uiuc.edu>
55) [40428] Looking for Info
by Jim Ek <JIM-EK@worldnet.att.net>
56) [40429] Re: Looking for Info
by Rod Cerkoney <rcw@frii.com>
57) [40430] Re: QRP SILENT KEY
by Bruce Rattray <rattray@gpfn.sk.ca>
58) [40431] Re:Desert Ratt
by Ted Beach <tedbeach@yahoo.com>
59) [40432] Re: QRP SILENT KEY
by "Mike Yetsko" <myetsko@insydesw.com>
60) [40433] Such is "Progress" ... :-(
by Larry East <w1hue@amsat.org>
61) [40434] Re: QRP SILENT KEY
by Bruce Muscolino <w6toy@erols.com>
62) [40435] Dayton '99: Day One
by Nils R Young <nilsbull@juno.com>
63) [40436] Re: Such is "Progress" ... :-(
by "Chris Cieslak" <ccieslak@law.uiuc.edu>
64) [40437] Re: Such is "Progress" ... :-(
by Larry East <w1hue@amsat.org>

Date: Thu, 13 May 1999 18:37:00 -0400 (EDT)
From: malman@world.std.com (Joel Malman)

To: Robsparks@aol.com
Cc: k1qm@world.std.com
Subject: [40374] Re: AR QRP Net tonight
Message-ID: <199905132237.AA02169@world.std.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bob ...

It's getting VERY VERY hard to work the AR qrp net up here in Ma. The QRN is something I can deal with ... but the QRM from the SP/S5/HA/UA/G/I etc etc., stations are killing me.... Also remember that VE ssb is just all over the 7.040-7.045 band here in New England ... Hey I'll give it another try next week. Very best 73's for you and the AR QRP Net.

--
/joel K1QM (Ex-wa1qvm) Concord, Massachusetts
QRP-L 337, QRP-ARCI 9305, MI-QRP 1641, NorCal #1884

Date: Thu, 13 May 1999 16:03:18 -0700
From: "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
To: "Barry L. Geipel - AD6HR" <bgeipel@primenet.com>
Cc: qrp-l@lehigh.edu
Subject: [40375] Re: DESERT RATT (ascii drawing)
Message-ID: <19990513160317.A24934@dolphin.openprojects.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

> Right! Thank for picking that up! How about, just use fixed width fonts :)

That'll work too. Oh, while you're at it, be sure to research mono-space fonts too. ;)

=====
KC5TJA/6 | -| TEAM DOLPHIN |-
DM13 | Samuel A. Falvo II
QRP-L #1447 | http://www.dolphin.openprojects.net
Oceanside, CA |.....

Date: Thu, 13 May 1999 16:07:49 -0700
From: "Mike Silva" <mjsilva@jps.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [40376] Superregeneration (was Re: Da Desert Ratt stuff)
Message-ID: <010a01be9d95\$6ba7ce80\$2c89a9ce@davidb-200.amotusa.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>
>Is a 'regen' the same as a 'super regen'?
>
>The reason why I ask is: In the sixties my cousin built me a transistor
>'super regenerative' fox hunt receiver for 2 m and that's how I got into
>ham radio I remember him explaining that the thing oscillates at
>RF, but the oscillation is quenched at a low frequency rate.

No, they're not quite the same, and your cousin gave you a good simple explanation of superregeneration. The gain limitation of a normal regen in receiving signals is at the point where the circuit breaks into oscillation. If you could actually employ -more- feedback, you'd get more gain. Superregeneration does this by "swinging" a regenerative detector into and out of oscillation at the quench frequency. The incoming signal level determines how quickly the detector breaks into oscillation, so the "bursts" of oscillation follow the modulation. The quench frequency for maximum sensitivity is such that the oscillation is quenched just when the oscillation burst rises to near its maximum long-term amplitude. This frequency depends on the oscillation / received frequency -- a higher received frequency has a higher optimum quench frequency. The main reason superregens weren't too popular on HF is that the optimum quench frequency was usually in the audio range, while it's above audio for VHF. The fact that a superregen is essentially an oscillator driven by a square wave explains why they can trash a band for hundreds of kHz, and why they're no longer legal on most bands.

73,
Mike, KK6GM

Date: Thu, 13 May 1999 08:05:22 -0400
From: "Harry T. Hurst, WA3PTG" <hhurst@delaware.infi.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [40377] Desert Ratt Parts and At The CB Store
Message-ID: <004101be9d38\$e7890a80\$354b9ace@hhurst>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dinky little radio (term of endearment) Gangue:

The "sort of" W1FB QRP Book regen is built ugly, and working great. Now I'd like to put in a box, and listen to it while I build a Desert Ratt.

Problem is, I'd like to have a couple of knobs with 0-100 calibrations. They'd make tuning easier, and I like the snazzy look they give a radio. Any ideas as to where I could buy some?

At the CB store

Over the weekend I took a ride up to Zern's Farmers Market in Gilbertsville, PA. This place has everything, hobbies, hobby businesses, all kinds of "junque" all kinds of food -- it even has a chicken liver stand.

Walking around the aisles I came to a stand selling CB stuff. On the top shelf of the stand were all the usual CB radios, but on the bottom shelf there was a black rack-mount radio about 19 x 12 x 7 inches. I asked the CB guy what it was, and he said it was a ham radio. The book said it covered 28.015-28.515 MHz, and ran cw-am-fm-usb-lsb at 15 or so watts. I allowed that all of my ham friends would probably line up to buy one if they know a gem like it was available, at only \$500! I had a really good belly laugh out of this one. Who do these guys think they are fooling????

!!: There is a stand that among other things, has some tins just right for the SWLxx+ rigs.

Date: Thu, 13 May 1999 20:19:54 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: QRP List <qrp-l@lehigh.edu>
Cc: Chuck Adams <adams@ticnet.com>
Subject: [40378] 1998/1999 QRP-L FOXHUNT RESULTS (fwd)
Message-ID: <Pine.0SF.3.95.990513201549.25008B-100000@saturn2.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

TA DA!

Well... as promised, the 1998/1999 QRP-L FOXHUNT RESULTS!

Please click on <<http://www.oakland.edu/~prvalko>> to get the web-version of this information. It's MUCH nicer. Make sure your browser is using small fonts, 800x600 resolution looks much nicer. There is a link to get the Adobe Acrobat reader, if you do not have one already.

Thanks again to everyone that was involved, and to all the folks that learned how to use a killfile for messages with "FOX" in them :-)

Best 73! - From Dayton and the Daze Inn!

=paul= W8KC Collector of Ten*Tecs and other fine plastics

This link should take you there...

<<http://www.acs.oakland.edu/~prvalko/foxhunt.htm>>

First, the Foxii:

Fox	Score
KU7Y	189
N1FN	188
N0UR	180
K1MG	168
K5ZTY	164
AB5UA	145
WQ8RP	143
WA8GHZ	136
VE7CQK	134
K0EVZ	124
AB0GO	118
K8CV	117
N2SMH	115
W8RU	110
N7CQR	105
W5TFB	84
N2TO	80
KB9BVN	46
W8RO	41
KV2X	39
K5FO	34

Now the hounds...

HOUND	SCORE
-------	-------

NQ7X	39
N1TP	38
N0AR	36
KU7Y	35
VE5RC	35
N1FN	34
K0EVZ	33
K5ZTY	33
N4ROA	33
AK7Y	32
K1MG	32
KK5LD	32
K2VCO	31
N5TW	30
W5SB	28
WE6W	28
KI0II	27
KQ5U	27
K8CV	26
W5HNS	26
AA5TA	25
AF5Z	25
AI4CW	25
W0CH	25
AB5UA	24
K5LN	24
KI7MN	24
VE3JC	24
VE6EWM	24
K50I	23
VE2KN	23
AB7CE	22
WS8D	22
AB5WX	21
K10J	21
K5JHP	21
K7TQ	21
N0UR	21
AB7MY	20
N5LU	20
KS4L	19
N5JI	19
W8SFF	19
WD8KQY	19
WS4S	19
AB0GO	18
AB8DF	18
KC1FB	18

KF4KSM	18
W0RSP	18
W4VCT	18
KB0PTE	17
KG2LO	17
N3YSI	17
WJ7H	17
K1QM	16
K5ON	16
K5UP	16
KA4BMK	16
N9DD	16
W2XN	16
AC5II	15
AE2T	15
KK5WL	15
N2ZHY	15
N8VAR	15
W5TB	15
WA9PWP	15
KA5T	14
W5JAY	14
KF2PH	13
N6WG	13
NA1XX	12
VE7CQK	12
W0RW	12
W5YR	12
K2SJB	11
KB9IUA	11
N0EA	11
WW7Y	11
AB7TT	10
KA8OKH	10
N7MFB	10
VE3ELA	10
W2UX	10
W9UQB	10
K4IMA	9
K6VNX	9
N0RN	9
N2LO	9
N2TO	9
N5JKY	9
N5WL	9
W5TFB	9
AB0CD	8
AK1P	8

KB7WW	8
KD5CMN	8
KF4AR	8
NU4N	8
VE6NJK	8
W6SIY	8
W8RU	8
K8DD	7
KC5T	7
KQ0I	7
KU4AF	7
N2WF	7
N4XDW	7
N6VZ	7
N8IE	7
WA8RXI	7
WB8RCR	7
W00Q	7
AJ4Y	6
K1CL	6
K4JPN	6
KB7MBI	6
N0TU	6
N7GS	6
NA3V	6
VE3FAL	6
W5FN	6
W7AQK	6
W8KC	6
WA8GHZ	6
WB9HFK	6
K0Y0	5
K4BYF	5
K5AAR	5
KK7GG	5
N4KZ	5
N7CQR	5
N7XJW	5
N8VZU	5
NF0R	5
VE3SP	5
W2PFS	5
WA5WHN	5
WB9LKC	5
AA0ZZ	4
AE4IC	4
K5GQ/M	4
K5UBS	4

K8ZN	4
KB0YTK	4
KD7AEE	4
KG4ADU	4
KI0AF	4
KI0G	4
KI0KY	4
KL7IXI	4
N2SMH	4
N7XJ	4
N9KW	4
NM5M	4
NZ4E	4
W0JOE	4
W1GL	4
W2IV	4
W2SCF	4
W5TA	4
WB5QYT	4
WJ1R	4
WN6HYX	4
WW5XX	4
AE4Y	3
AL0A	3
K5NZ	3
K5PSH	3
K8IQY	3
KA1AXY	3
KA3WMJ	3
KB0ROL	3
KE6ZX	3
KF6CTA	3
KG7PV	3
N1QQV	3
N2CQ	3
N4JS	3
NC7X	3
NK6A	3
W3PNL	3
W5USJ	3
W5XE	3
W8RO	3
WD4DSX	3
WZ2T	3
AA6R	2
AA9L	2
AC6AN	2
K2REB	2

K2VT	2
K4AVX	2
K5ID	2
K5JSP	2
K6LS	2
K7GT	2
KA1DDB	2
KA4BM	2
KB2VMO	2
KB9IOT/M	2
KC0EGC	2
KD2KW	2
KD6VIO	2
KF4KS	2
KG0PP	2
KJ3V	2
KK6MC	2
KK6MC/5	2
KS4HQ	2
N0TU/M	2
N10DL	2
N2BRT	2
N2CX	2
N2VPK	2
N3XRV	2
N4UY	2
N5ON	2
N6MM	2
N6XU	2
NW7DX	2
NY3M	2
VE6EW	2
W0AV	2
W0AW	2
W0HEP	2
W0PFR	2
W4DEC	2
W4IM	2
W4PJ	2
W7UQ	2
WA6NAE	2
WA9WFA	2
WF4I	2
WQ8RP	2
AA1MY	1
AA2PF	1
AA5TX	1
AB5PC	1

AB7DU	1
AB7QK	1
AB7ST	1
AB7VI	1
AC4HF	1
AC5K	1
AE3OU	1
AE4CW	1
AE4VQ	1
AI4Y	1
AK7Q	1
AL7FS	1
CG5VA	1
K0EA	1
K0EU	1
K0HH	1
K0JI	1
K10G	1
K1TMW	1
K1XS	1
K2EL	1
K20DC	1
K2SF	1
K2VL	1
K2VS	1
K3AS	1
K3B0B	1
K4PYM	1
K4ZM	1
K50I/M	1
K5EYE	1
K5F0	1
K5GTY	1
K5LD	1
K5NZ/XA5	1
K50I/M	1
K50T	1
K5RN	1
K5UX	1
K5VBS	1
K5VUU	1
K6DW	1
K6DXU	1
K7MPH	1
K8NWD	1
KA1AKC	1
KA2RQY	1
KA3K	1

KA3WM	1
KA4JMZ	1
KA5BMK	1
KA50VS	1
KB0YT	1
KB2LO	1
KB2PQY	1
KB5W	1
KB8WMW	1
KB9II	1
KC0CDH	1
KC0EHH	1
KC5LD	1
KD5AIJ	1
KD5CM	1
KD5KMN	1
KE4BMK	1
KE6DKH	1
KF4KHM	1
KF4KM	1
KG0MZ	1
KJ5X	1
KJ7LO	1
KK3T	1
KK4LN	1
KK5LED	1
KK5NA	1
KM6SE	1
KN5G	1
KS4S	1
KS4V	1
KT4PM	1
KU4UX	1
N0DSP	1
N0OCT	1
N1GJU	1
N1HCL	1
N1OCJ	1
N2APH	1
N2IX	1
N2JJ	1
N2LY	1
N3JK	1
N3KFL	1
N3WSI	1
N4EUK	1
N4VV	1
N5JUW	1

N5LB	1
N5WAI	1
N5WI	1
N6NU	1
N6WA	1
N7CTJ	1
N7KT	1
N7RR	1
N7VAR	1
N7VE	1
N8CQA	1
N8KW	1
N8RO	1
N9IEP	1
NC7J	1
NC7W	1
NR3Z	1
NS4L	1
NU4AN	1
NZ8J	1
VA3JFF	1
VE1CC	1
VE3FUL	1
VE3LOH	1
VE3VA	1
VE5DC	1
VE5RK	1
VE5VA	1
VE6BIR/7	1
VE6XT	1
VE7CQ	1
VE7DSN	1
W0CQC	1
W0KUC	1
W0YSE	1
W1EAT	1
W2BJ	1
W2RG	1
W2SZR	1
W3KC	1
W3NPL	1
W3NR	1
W4JPK	1
W4SB	1
W4VC	1
W4VCA	1
W5SB/XA5	1
W5TBT	1

W5TD	1
W5UP	1
W6ARK	1
W6RA	1
W7SSM	1
W9ME	1
W9MT	1
WA1LIR	1
WA1SCH	1
WA6GER	1
WA6OT	1
WA8GHD	1
WA8GHZ/5	1
WA8MCQ	1
WA8MNE	1
WA8ZB	1
WA9PW	1
WA9QCF	1
WB5QTY	1
WB6MFS	1
WB8E	1
WB8JMB/8	1
WB9LK	1
WD4MS	1
WD8KQ	1
WE6WE	1
WJ2V	1
WN6HY	1
WQ3E	1
WV3J	1
WV3J	1
XE2FU	1

See you all in October!!!

73! =paul= W8KC
 Collector of Ten★Tecs and other fine plastics

 Date: Thu, 13 May 1999 18:58:18 -0600

From: Jess Gypin <jessqrp@concentric.net>
To: cw@qsl.net, qrp-1@lehigh.edu
Subject: [40379] The new Blue Racer is here!
Message-ID: <373B752A.6EA9B34B@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all,

Just thought I would let you know that the new Blue Racer is here! I have been waiting about two weeks and sure enough, the week of Dayton, it shows up. I am not sure if there are any others of you that ordered this from Mitch, but it was worth the wait. Royal Blue powder coat base with chrome top pieces, jeweled pivot and red knobs. Really nice looking. Not sure how many of them he is eventually going to make, but I managed to get number 12. Serial numbers started with 104513 and Mitch kept the first 10. That means that he has 501 to 511, somebody got 512 and I got the number 2 that was available, 513. Not too bad I guess. A really good looking bug and I have been wanting a Blue Racer, never could find the right used one to but, so I guess I will "settle" for a new number 2 of a new run. Thought you all would want to know. If I had a digital camera, I would put up pictures on my bug page, but no luck. I am sure that Mitch will have them up at the web site soon.

--

Jess AE0CW <><
<http://www.concentric.net/~jessqrp> Personal Home page
<http://qsl.net/n0tifi/bug.html> Bug Stories

Date: Thu, 13 May 1999 20:48:28 EDT
From: "Jeffrey L. L. Greer" <wd4et@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [40380] RS Nibbler -- Not
Message-ID: <19990513.205224.3918.4.wd4et@juno.com>

I purchased the Radio Shack nibbler, catalog #64-823a this afternoon for use in cutting out pads for the 2N2/40. This new model is evidently designed for light duty use.

The "nibble" is too small for this type of use (approx. 1/4" x 1/16"). After 20+ attempts, I still didn't have a nibble intact. Even if one had stayed together, rather than crumble, it would have been too small to

work with.

I'm going to look for a larger tool at Sears tomorrow.

73, Jeff, Jacksonville, FL

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 13 May 1999 21:43:38 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: QRP List <qrp-l@lehigh.edu>
Subject: [40381] FOX CORRECTION!!! It's ToTally cRazY!!!
Message-ID: <Pine.OSF.3.95.990513213929.11291A-100000@saturn2.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks to Mike, WS8D, who pointed out a *tiny* flaw in the hound scores.

Please go back to <<http://www.oakland.edu/~prvalko/foxhunt.htm>> and take
another look at the HOUND SCORES. They are correct, now. <sheepish grin>

I dunno what happened, it's totally crazy.

73 from the Daze Inn!

=paul= W8KC

Date: Thu, 13 May 1999 22:02:36 -0400
From: S LYON <sslyon@worldnet.att.net>
To: qrp chat <qrp-l@Lehigh.EDU>
Subject: [40382] NYC area welcome for G4WIF & G3MFJ
Message-ID: <373B843C.85D92612@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

On June 6th we'll be welcomming Tony and Graham on their NYC first-time

visit.

Please join us for "QRP P&P", (Pints and Porterhouse) at one of the area steak houses on Sunday afternoon, sometime around 3-4pm for a leisurely visit, show & tell, reflecting on ATLANTICON, etc. Kevin, N2TO and I are working out details that will be posted as they develop. It depends a LOT on your response so please contact me directly with no. of people, etc.

I was thinking about possibilities of a kite-hung antenna from the shore of the Hudson, or some other suitable spot. I'd be glad to contribute the "heavy-lifter", but need someone to launch it while I play taxi. As anyone who attended ATLANTICON can attest, it's really easy to launch and fly, and nothing at all to hang a very tall vert. antenna from the tether line.

If we choose ARTHUR'S steak house, (NJ) for instance, we may even be able to fly it very close by, which would make a very nice afternoon of it indeed.

Show our guest the sights and do some qrp at the same time. Your thoughts?

72

--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Wed, 12 May 1999 19:04:13 -1000
From: Peter Demmer <ampruss@hits.net>
To: flydnq7x@primenet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [40383] Re: QRPp
Message-ID: <373A5D4E.37FD@hits.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Floyd Smithberg wrote:

>
> Winter issue arrived in ScQRPion Land today...great as usual...
> Tnx Doug, Paul, Jim et al.....
> 73 Floyd NQ7X Phoenix ScQRPion

Peter wrote. Upon returning from the big island (Hawaii), Winter QRPP
98 in the mail box. Tnx es Aloha, Peter, KH6CTQ

Date: Thu, 13 May 1999 14:06:36 -1000
From: Peter Demmer <ampruss@hits.net>
To: dafourchey@home.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [40384] Re: LED night light?
Message-ID: <373B690C.2A58@hits.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

david fourchey wrote:

>
> I have used one for years now at the Telescope to minimize affects to my
> dark adapted eyesSnip....
> to a lamp base...of course if you want a commercial version check in
> Astronomy or Sky & Telescope magazines.
Snip
> > This reminds me of one of the uses of the first handheld calculator I
> > bought in the 1970s. I found that by entering all "8"s in the LED
> > display there was enough light to find the correct key and insert it
> > into a keyhole correctly even on the darkest of nights!
> >
> > Steve, N4EY

Peter wrote, As an aside, It is amazing what rigging the camp site for
red can do for night vision. As in my 22 years on submarines and nightly
rigging the boat for red. Just in case something broke during the (on
the surface) night and the green monster came rushing in and we had to
surface. Once one becomes night light adjusted red light works. Just
came back from the 8600 ft elevation on the Ainapo hiking trail up on
the SW side of Mona Loa on the island of Hawaii.

I convinced every one to cover there lights with red translucent thin
plastic art film. I used 4 LEDs (no dropping resistor) in a series
string and two NICAD "D" cells. Hung it in the center of the ranger
shelter. Making out door pit stops in the middle of two night was no
stumbling, mumbling. wet the leg problem. And as Steve N4YE mentioned,
the star canopy up there was awsome. DOE DOE me, I brought a 2 meter
QRP brick. Never again. The wide open pacific ocean to the NE and SW
faced me and the remaining 2/3rds of the world hidden (for VHF) by the

remaining 6000ft to the top of this broad based mountain.

What a site for QRPP. Oh well, theres always next month (;-) Tnx for the band width, Aloha, Peter KH6CTQ

Date: Thu, 13 May 1999 22:16:04 -0400
From: sdk@worldpath.net
To: qrp-1@lehigh.edu
Subject: [40385] Blue Racer
Message-ID: <3.0.5.32.19990513221604.007c3370@worldpath.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Hi all,
>
>Just thought I would let you know that the new Blue Racer is here! I
>have been waiting about two weeks and sure enough, the week of Dayton,
>it shows up.

OK...I'm sure this is a dumb question but...Who is Mitch?

Scott.

Date: Fri, 14 May 1999 02:55:09 +0100
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <prvalko@oakland.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [40386] Re: FOX CORRECTION!!! It's ToTally cRazY!!!
Message-ID: <012801be9dac\$cd1e3fc0\$c742b3c7@sorrells>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Paul, I thought you said no 'whining' was allowed. Now we have a
CORRECTION! Where will it end if corrections are made willy nilly.=8-)
de Steve, W8SFF

Date: Thu, 13 May 1999 21:38:36 -0600
From: "Down" <adown@sprint.ca>
To: "QRP-C" <qrp-canada@lists.gpfn.sk.ca>
Cc: "QRP-L" <qrp-l@lehigh.edu>, "Earl" <earlmurf@telusplanet.net>
Subject: [40387] bo-k may 14
Message-ID: <199905140338.XAA03662@hme0.mailrouter02.sprint.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I think it must have a lot to do with my technique. Not a lot of takers tonite. Got a call right away but didn't quite get the call. Think it was Mike in Ky, but he did come back later, so we gave him another flower...on both 20m es 40m. Tnx Mike...at least I know someone heard me...hi

Sorry all...ruff nite...again!

20 meters

Time	Call	Name	QTH	tx / rx	QRP-C	pwr
0128z	AF4LQ	Mike	Ky	559 559	43	

40 meters

Time	Call	Name	QTH	tx / rx	QRP-C	pwr
0211z	AF4LQ	Mike	Ky	339 339	43	
0226z	W8DEP	Dave	Ohio	459 559		QRO
0240z	KI0II	Ron	Co	579 559		1 watt

Such as it is..there it is! Only a few weeks left to get those flowers. If condx keep up like they are, you are really going to have to work for it...good luck all!

72,

Bill..

VE5HQ "Pounding Brass in Regina, Sask."
QRP-C 116 <http://www.qsl.net/ve5hq/>

Date: Fri, 14 May 1999 00:22:50 -0400
From: Dan Puckett <dpuckett@erinet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [40388] FDIM 1999 report (kinda long)
Message-ID: <373BA51A.175F3ADA@erinet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Only one more FDIM left this century. This one has come and gone. Good stuff too. We had seven great presentations.

The morning started with the always entertaining and informative L. B. Cebik. L. B. told us more about verticals than I thought was possible. Joe Everhart told us of the latest and greatest thing he is working on. A computerized SWR meter based on the Rainbow Tuner.

George Dobbs swam across the Atlantic Ocean again this year to give us some tips on simple homebrew ideas. And, catch up on the latest developments in the UK. If you get a chance to talk to him, ask him about the "Forty Meter Ferret".

Next up was another group from the UK. Steve Farthing and Jan Verduyn described a R2/T2 combo taken to the next level. By using twin DDSs, they have been able to build a general coverage direct conversion rx.

Distortion: Friend or Foe. Dave Benson gave us the lowdown, along with some advise on driving finals. A driver should "Whang the heck out of the input." Need I say more? Ask Dave about his moose impersonation.

Clark Fishman explained why a new chip from Fairchild maybe in the front end of your next receiver. Chuck described how to take four analog switches an turn them into a super mixer.

The last presentation of the day belonged to Russ Carpenter. Russ discussed some research he is doing into the effects of terrain on propagation. The only thing is, he has to climb a mountain every time he wants to gather data.

My take. FDIM 1999 is a winner. We had a bit over 150 people show up in the middle of the week. Not bad. The presentations were first class. When can I send in my bucks for FDIM 2000?

PS. The water is hot, and the rooms are cool.

72,

Dan "Bash bits"
WD8AAU

Date: Wed, 12 May 1999 22:21:36 -0700

From: "Dennis B. Dolle" <dolledb@cet.com>
To: <qrp-1@lehigh.edu>
Subject: [40389] Oscilloscope Info
Message-ID: <000101be9dc2\$27fa8ba0\$205a60ce@dolledb>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Fellow Masochists,
A few days ago, I asked for info on scope probes and got lots of good answers. Many thanks to all. Yesterday, I found a great web site that has lots of info about oscilloscopes and probes (32 pages on probes!). I know this has been posted before but, for those who are interested, check out <http://www.tek.com/Measurement/scopes/index.html>

Info covers basic scope terminology, operation, controls, measurement techniques, safety, etc. Well worth a look even if you only want to know what scopes can do or want to learn what the latest scope designs offer. Hope you find this post worthwhile!

Dennis, K7YN
Spokane, WA

Date: Thu, 13 May 1999 21:38:48 -0700
From: "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
To: qrp-1@lehigh.edu
Subject: [40390] Band conditions on 40m
Message-ID: <19990513213848.A25617@dolphin.openprojects.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

It is currently 9:30PM pacific time, and as you all well know, I can tune only from 7100 to 7135. I was able to make a contact with a KB7 station, though I forgot the rest of the call. However, before we exchanged "the vitals," he had to go QRT. Then there was a KD4FNS which I heard (I /think/ that was the call) which came in load as day, but he couldn't hear me at all. Either that, or he was ignoring me, considering he was doing about 13wpm and I was going about 5 or so. :-)

Otherwise, not much activity at all. Propagation seems to be adequate -- lot of atmospheric noise and a *LOT* of AM stations, two of which are strong, and the rest are low enough in intensity for me to hold a local QSO with.

Goodness, I really need to get back in the swing of things. I need to get my code speed up, so I can pass the 13wpm CW exam, at the very least. Then I'll have a year to study for the electrical/legal portion of the exam. I've heard one of the best ways to do this is to host your own (small) net on the air. During the net, you have the choice of ragchewing, or of holding a formal "training session," with a live operator actively sending faster than what the majority of people can receive at (this means the operator will necessarily switch between slow and fast speeds as appropriate). Then, when nearly all the people in the net can "answer a few quiz questions," we jack the speed up, etc.

Comments? Suggestions? Anyone willing to discuss this further? Any problems using the QRP-L list as a rendezvous point for such nets? Etc?

```
=====
      KC5TJA/6      |      -| TEAM DOLPHIN |-
      DM13          |      Samuel A. Falvo II
      QRP-L #1447   |      http://www.dolphin.openprojects.net
      Oceanside, CA |.....
```

Date: Thu, 13 May 1999 22:01:54 -0700
From: "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
To: qrp-l@lehigh.edu
Subject: [40391] CW Training Net?
Message-ID: <19990513220154.B25617@dolphin.openprojects.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

In a previous post, I'd made a question pertaining interest in a CW 'training' net. Obviously, nobody has responded to my question on such short notice, but I took the liberty of thinking a few things through. Some of the rules I've come up with for such a net, to be as fair as possible, would be as follows:

CHECKING IN:

- 1) Check via morse code. I don't care how bad your fist is. Not everybody has an SSB-capable rig. (Like me: My ONLY HF rig is SW-40.)
- 2) I don't care if you can bang out code at 50 or 500 wpm. Please check in at 5 to 7wpm. This gives everyone on the net a chance to copy your callsign, even if they're new. I will NOT flex on this rule (I don't care how hard it is for you to change speeds on your keyer). Remember, this net is primarily for the slow speed folk -- be kind to them, at least in the beginning. :-) If you don't check in at 5wpm or thereabouts, your checkin request will be refused.

- 3) The check-in frequency shall be between 7100 and 7135kHz, so that I can access it on my radio. My apologies for any inconveniences, but hey...it's my net. *evil grin* Where I live, a small watering hole between 7109 and 7111 seems to consistently be available when I come home from work, as does 7113 to 7119. Occasionally, 7120-7125 seems open. Due to the filter built-in to the SW-40, I have a REALLY hard time determining how good a spot is for use, so if anyone has any suggestions on frequency to use, I'm all ears.

NET OPERATIONS:

- 1) Once checked in at 5wpm, a net's activities will be arranged, for each level of proficiency. E.g., we'll allocate 20 minutes for ~8wpm code practice, another 20 minutes for ~16wpm code practice, another 20 minutes for ~24wpm, etc. These speeds were chosen because it's a consistent 8wpm increase in difficulty over the course of an hour, yet they all exceed some kind of (current) FCC-stipulated code speed standard.

I say the sked will be 'arranged' on the fly because not everybody will be hampered by the 5wpm plateau at all times. For instance, during one net, we could get three new people who just can't handle going over 5wpm or so. Then a week later, they miss the net, and everybody else can handle the 16wpm rate, etc. No point in wasting the 20 minutes at 8wpm if everyone present can go faster!! Likewise, there's no point in blowing off 20 minutes with 24wpm code when nobody present can handle it either.

- 2) Statistics will be kept. At least one experienced CW operator /should/ be present to indicate average code speeds (estimated is fine) for all who check in. I, myself, am not this good yet. Sorry! :-) I plan on posting the results to QRP-L list, if it's OK with you guys. If this net takes off, it'll be as much for me as anyone else.
- 3) Requests for new or late check-ins will *ALWAYS* be at 5wpm or thereabouts, assuming we (remember to) make the attempt to do such.

The other thing is I've never, ever run a CW net before. I have run a voice net once, on 2m FM, and that was almost six years ago (!!). So I'm way out of practice in that regard. Anyone know of on-line references to CW Net operations?

Thanks for your input.

```
=====
KC5TJA/6      |                               -| TEAM DOLPHIN |-
DM13          |                               Samuel A. Falvo II
QRP-L #1447   |                               http://www.dolphin.openprojects.net
Oceanside, CA |.....
```

Date: Thu, 13 May 1999 22:23:59 -0700
From: Jerry Parker <jparker@fix.net>
To: qrp-l@LeHigh.edu
Subject: [40392] 3n152
Message-ID: <3.0.6.32.19990513222359.00c7d460@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Anyone have the specs on a 3N152???

TNX,,,72,,,Jerry...WA6OWR...K

Date: Thu, 13 May 1999 22:51:28 -0700
From: "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
To: qrp-l@lehigh.edu
Subject: [40393] Hash!
Message-ID: <19990513225128.B25854@dolphin.openprojects.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

It is now 10:45PM Pacific time, and almost the entire band from 7104 to 7115 is nothing but hash. Anybody else hear this, or is this local QRM? I heard a few CW stations chatting amidst the hash, so I'm inclined to believe it's local.

Just curious. :-) Thanks.

Also heard K5NC chatting with a KC0F.. station (forgot the call; didn't pay attention). KC0 station was 100W. K5NC was only 5W. I distinctly remember hearing KC0 saying "5 watts? That's all? Wow." ;)

```
=====
KC5TJA/6      |                               -| TEAM DOLPHIN |-
DM13          |                               Samuel A. Falvo II
QRP-L #1447   |                               http://www.dolphin.openprojects.net
Oceanside, CA |.....
```

Date: Fri, 14 May 1999 00:14:20 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Subject: [40394] 2N2/40 Info
Message-ID: <Pine.SUN.4.10.9905132350180.16921-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm getting a lot of email inquiring about the 2N2/40 rig in the last QRPP, and will try to answer here. Especially from those who don't subscribe to QRPP to see the article.

1. The 2N2/40 is NOT a kit. It is a build it yourself from scratch rig. It is built on a solid 5x7 inch piece of copper clad and gluing down small pieces of copper clad to make the electrical connections. Obtaining the parts is your job, for which most everything is available from Mouser, DigiKey, etc. All transistors are 2N2222's and very common parts. The crystals, varicaps, toroids and the audio transformer are the only things not readily available to most. The issue is well illustrated step-by-step for easy construction.
2. There are several people, mostly clubs, interested in providing an etched board with the pads only (no through-holes and traces) and may be offering a parts kit. But this will be a couple months away, and will be announced on qrp-l when and if this is done.
3. Reprints of the 2N2/40 QRPP will be made available as a spiral bound book shortly. A bunch were made and sent to K8IQY at Dayton, and I'll be taking some to HamCom. Hopefully we'll get the rest bound up and available within the next two weeks. They will be like the Elmer 101 booklets, \$12 each which includes postage to US/VE. When ready, it will be announced on qrp-l.
4. I also suggest you order the 1998 bound annual volumes of QRPP from NorCal for \$20 + \$4 shipping. You'll get all four issues of QRPP's in 1998, including the Elmer 101 series, the 2N2/40, and gobs of other construction projects.

Mail to: Doug Hendricks, KI6DS	Make check/MO payable to
862 Frank Avenue	Doug Hendricks, not NorCal
Dos Palos, CA 93620	

These are also being bound up now and should be available for shipping within the next two weeks.

72, Paul NA5N

Date: Thu, 13 May 1999 13:14:02 -0500
From: "Charles Hamel" <cdhamel@pdq.net>
To: "QRP List" <qrp-l@Lehigh.EDU>
Subject: [40395] Callsign
Message-ID: <003001be9d6c\$6493f700\$a5e690d1@cdhamel>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I was listening on 40 meters and thought I heard a certain call, does anyone know where this call might be from??

XE2IAT

Thanks

Date: Fri, 14 May 1999 05:04:00 -0400
From: "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [40396] Dayton and FDIM
Message-ID: <373BE700.BCF03A32@voyager.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, the sadness of missing Dayton and FDIM is setting in now. Maybe someone there could pass a message to Ellis (W8YB) for me.....tell him I'm sorry I could not be there this year.

sigh

Oh well.....back to the email. I have to work tomorrow, so maybe that will keep me occupied. I hope.

72,
Ervin W8ERV

Date: Fri, 14 May 1999 05:45:40 -0400
From: "William Penhallegon" <w4stx@gte.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [40397] Instructograph
Message-ID: <007001be9dee\$c4c86fc0\$aba32599@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Does anyone have an old Instructograph code instruction machine with the paper tapes? While cleaning out some junk I found a booklet entitled "Telegraphy" published by that company in 1937. Does anyone need it to go with their old machine?
73,
Bill Penhallegon W4STX

Date: Fri, 14 May 1999 07:26:44 -0400
From: Tom Palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-1@Lehigh.EDU>
Subject: [40398] Buckmasters and more page
Message-ID: <373C0873.B61E70BC@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

FB Site: Buckmasters plus:
single band DX Spot links, plus
real time gray line images, plus more.

See:

http://members.xoom.com/_X00M/N9SZV/index.html

Tom, N1TP, Naples, Florida.

Date: Fri, 14 May 1999 06:28:56 -0500
From: Wayne Alexander <walexan@ipa.net>
To: ap036@detroit.freenet.org, qrp-1@lehigh.edu

Subject: [40399] Re: FOX CORRECTION!!! It's ToTally cRazY!!!
Message-ID: <4.1.19990514062533.00939380@popd.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

They have me in there twice. KB0PTE and N0EA.
Makes my score look better if they had it in there once.
Guess that is what happens when you make Extra and change your call with
the Vanity Program.

>Paul, I thought you said no 'whining' was allowed. Now we have a
>CORRECTION! Where will it end if corrections are made willy nilly.=3D8-)
>de Steve, W8SFF
>

73,
N=D8EA
Wayne
Willard,MO
FISTS # 4907
QRP-L # 1058
Web Page <http://www.qsl.net/n0ea>

Date: Fri, 14 May 1999 08:20:29 -0400
From: "William Black" <bill.and.karen@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [40400] Re: Callsign
Message-ID: <002501be9e04\$2b37fd60\$8371fed0@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

That callsign is from Mexico. They have the entire XA - XI block as well as
some others.

Bill, K4TUK

>I was listening on 40 meters and thought I heard a certain call, does
anyone

>know where this call might be from??

>

>XE2IAT

Date: Fri, 14 May 1999 06:15:06 -0700
From: "Radman" <radman@best.com>
To: <tentec@contesting.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [40401] Pegasus flies to Dayton...
Message-ID: <199905141312.GAA11143@proxy3.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

"Pegasus flies to Dayton"

by Conrad Weiss -- NN6CW

TEN-TEC's Gary Hendricks is the friendliest man I've ever interviewed. The rest of the friendly T-T crew -- Pegasus in hand -- had hopped on the morning flight to Dayton, leaving Gary back at 1185 Dolly Parton Parkway to man the 800 sales line. In a 30-minute telephone interview, Gary bared his soul and shared the details of Pegasus -- the horse with wings -- for those who couldn't attend the Dayton show this year. He's well-qualified to tell the story since he was a Pegasus beta-tester and has been an active ham for 30 years. He's also a ham who's very excited about this new radio -- in fact, it's the most fun he's had with a radio in his ham radio career he told me. Ever !

What it's NOT: an updated Scout or a replacement for the Omni-VI+. Nor is it a mid-range transceiver, in the conventional sense.

What it IS: a computer-controlled, IF-DSP ham transceiver.

Product Overview: Pegasus is a 100kHz - 30MHz all-band, 5-100 watt ham transceiver with general coverage receive. Transmit modes include LSB, USB and CW. Receive modes include LSB, USB, CW and AM. FM may be a future option.

The rig features "cutting edge IF-DSP" with 34 DSP filters from which the user can select eight at one time. For SSB, the filter widths range from 1050 - 8000 Hz. For CW, the filter widths range from 300 - 900 Hz. The rig has all of the features typically found on any modern transceiver, including: PBT, RIT, XIT, full metering, and naturally -- a virtual main tuning knob. The hardware portion of the rig is housed in a "putty-colored" box -- designed to blend in with computer equipment colors. It measures approximately 10.75" High, 5.15" Wide and 10.0" Deep. It weighs 8 or 9 pounds and looks like a little PC computer tower. On the front of the box there's a front-firing speaker and a headphone jack. On the rear panel, there's a DB-9 connector, antenna jack, 13.8VDC power connector and various keying jacks.

Pegasus interface: Where's the knobs? Since Pegasus is a "virtual transceiver" you can only see the front panel and main tuning knob via your computer screen using Pegasus software. The tuning knob -- and other Pegasus controls -- are manipulated with your mouse using "rotations, clicks, switches and sliders." The main tuning knob has 12 rates from 1 Hz to "very large." In addition, there's a "log scale" above the rotary knob allowing the user to "grab" 7.1MHz and drag the receiver to 7.4MHz, for example -- in a matter of a second or two. If you prefer conventional knobs to virtual knobs, Pegasus will have an accessory remote tuning box that will feature a real knob - like an Omni knob -- direct frequency entry pad and three definable function keys. The function keys will be user-assignable to allow you to "hot-key" switches and controls of your choice -- all from the comfort of your Lazy-Boy. The sound can be routed through your PC speaker system, ear phones or from the Pegasus front panel speaker.

Clever horse tricks: You can look at a graphical preview of any DSP filter and check-out its shape, skirts, slope, width and suitability for band or contest conditions. If you want the ultimate "brick wall" you can see it before you actually hear it. You can use Pegasus as a spectrum analyzer and "sweep" an entire band -- looking for activity, noise, lightening storms, etc. You can store unlimited memories with your own titles, such as -- 5.489Mhz -- "Unidentified Strange Beacon." For those who spend lots of time on the computer, one could use Pegasus to "rejoin" ham radio. The transceiver box will stow,

unseen, under your desk and the virtual interface can be left open as a minimized window on your computer desk-top. You could use an ear-bud for listening, and it would be possible to operate CW via keyboard/paddle or PSK-31 without distracting your spouse or fellow worker.

Computer requirements: minimum 486-class PC, running Window 3.1, Win95, Win98 or NT. One megabyte of HDD is required.

Power requirements: 13.8VDC @ 1A - receive, 20A - transmit.

Shipping Date: July, '99. US List Price: \$895.00, including software. Accessory remote tuning: Price TBD.

Commentary: Pegasus clearly represents exciting advances in the area of DSP transceiver design -- no question. The greater debate will center around the ultimate user-interface -- virtual, real or some combination of both. Some of the tricks that Pegasus can perform; the Omni VI+ simply can't. At the same time, Pegasus will have no appeal to hams who love their Omni VI+ front panel and big knobs. Time will tell. But, whether you love the "flying horse" or not... I'm just the messenger who's been up all night to bring you the story. Never polite to shoot the messenger -- even in Roman times! <wink>

73,

Conrad Weiss - NN6CW

Date: Thu, 13 May 1999 18:20:50 -0700
From: Thomas Kuehl <ac7a@uswest.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [40402] Soldering Stations for the K2, etc.
Message-ID: <373B7A72.12E0EC2F@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello All:

Anticipating receipt of my Elecraft K2 transceiver, I visit their home page often for any breaking news. Recently, some good instructional advice for soldering the K2 or most any other kit was added to the site, and was penned by "Dr. Solder" (Conrad Wiess - NN6CW)

After reviewing the material it is clear that the soldering tool of choice is a soldering station, and the Weller #WTCPT is recommended. There is a handy mouse button that will take you to the Wassco web page where they currently have the station on sale for \$79.95. That appears to be a good price; I believe it normally over a hundred dollars.

Last month, I purchased a different Weller (actually a Weller/Unger) soldering station; the #921ZX1, from Future Electronics, for \$79.97. A few months back, I believe Wassco had this same station for \$131, and now offers it for \$91. The #921ZX1 is a newer design station and features electronically controlled, zero cross circuitry, and variable temperature control (550 F to 850 F). It is ESD safe and has the iron holder and tip cleaning sponge built up on top. The #WTCPT is a fixed temperature station that comes with a 700 F tip (tips for other temperatures are available). Looking at the pictures it looks like the holder/sponge is a separate unit.

I have used the #921ZX1 this past month to make some repairs on my Argosy II transceiver. It is hard to describe how effortless a good, temperature controlled soldering station makes a soldering job. No waiting around to heat up a joint that has a larger mass than others, and little fear of barbecuing the smaller stuff. I have some pretty nice Ungar irons, but they are now obsolete for most tasks. They will probably be relegated to those few odd situations where using the station isn't convenient - maybe out back when I am working on antenna projects?

I am not sure if Future still has the station for \$79.95, but a check with them would quickly tell. If you are interested, their sales quotation number is 1-800-655-0006.

Anyway, I am very happy with the product and thought I would pass this on to others who may be anticipating purchasing a soldering station for assembly of their K2, or other QRP gem. I have no fiduciary interest in Weller, Future Electronics, or Wassco: Just a satisfied customer of a

very nice product.

Regards, Thomas - AC7A

Date: Fri, 14 May 1999 08:53:43 -0500
From: Wes Spence <ac5k@ih2000.net>
To: qrp-l@Lehigh.EDU
Subject: [40403] 80m xcvr--Oct91QQ
Message-ID: <373C2AE7.30F@ih2000.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Fellow QRPers:

It was interesting to that there has been so much discussion about 80m QRP activity on this reflector since I am currently building the NN1G 80m XCVR fro the Oct. 1991 issue of QRP Quarterly. FAR made me a set of boards (3 boards) and did a good job, but I have already found two mistakes on the boards. They were easy to correct, but would trip up a beginner. I am interested in hearing from anyone else that is building or has built this rig. Please e-mail off of the reflector to keep the noise down.

72/73, Wes, AC5K
nr Beaumont TX

Date: Fri, 14 May 1999 10:03:42 EDT
From: Shephed@aol.com
To: qrp-l@lehigh.edu
Subject: [40404] Re: FOX CORRECTION!!! It's ToTally cRazY!!!
Message-ID: <43c8eafc.246d873e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 5/14/99 7:33:03 AM Eastern Daylight Time, walexan@ipa.net writes:

<< They have me in there twice. KB0PTE and N0EA.
Makes my score look better if they had it in there once.
Guess that is what happens when you make Extra and change your call with

the Vanity Program.

>>

That got me too, once as N8IE and N8VZU.

But guys, with all the record keeping that's involved, I still think he did one heck of a job.

72, 73

Dan, N8IE

QRP-1 #1404

Date: Fri, 14 May 1999 10:31:04 -0400
From: DNT1@daimlerchrysler.com
To: qrp-1@Lehigh.EDU, vhf@w6yx.stanford.edu
Subject: [40405] Trac Keyer info request
Message-ID: <85256771.004FC08A.00@lngodd03.notes.chrysler.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

I am looking for information/schematics for a Trac Electronics, Inc. electronic keyer (model TE284, Deluxe Message Memory Keyer). Was this a kit or a factory produced unit? Does anyone here remember it? The company's address is screen printed on the back panel (all control identifiers front & rear are also) making me think that it was factory built. The wiring isn't what I would expect from a factory though, so I am figuring it's a kit with pre-drilled & labelled case. If anyone here has a clue about this unit I'd like to hear from you. The keying circuit is working properly, just no memory functions (or maybe I just can't figure out how to get them working!). From the switches on the front I gather that it could be set for 2 messages with half of the memory reserved for each or 4 with 1/4 of the memory for each. There's a store/play switch and a message A/B switch, also momentary Start and Reset switches with an indicator LED between them. This spark any memories for anyone?

Thanks in advance for any info...

73,

Don T. AI4CW

Date: Fri, 14 May 1999 09:44:05 -0500

From: kreinbd@ccgate.dl.nec.com (David Kreinberg)
To: qrp-l@Lehigh.EDU
Subject: [40406] HamCom and QRP-L event
Message-ID: <001350D6.4159@ccgate.dl.nec.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part
Content-Transfer-Encoding: 7bit

G'day Group,

I know Dayton is the talk of the day, but.....

I'm a bit confused. I know that HamCom will feature QRP talks/presentations all day on Saturday, June 12. However, isn't there a gathering for the QRP-L folks at the hotel (Marriot?) that night?

Is this a formal event (no, not tails and tux) which requires an advanced registration? Also, what time does this start? I don't want to miss meeting you folks!

I'm on Doug's list for the badge/prize drawing thingy, but just needed to fill in these blanks. TIA, group!

73 de Dave, NR3E
QRP-L #25
nr Dallas, TX

Date: Fri, 14 May 1999 10:06:49 -0500
From: "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>
To: qrp-l@lehigh.edu
Subject: [40407] DESERT RATT Question about L1
Message-ID: <373C3C09.DBD813D5@uts.cc.utexas.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey gang,

I just printed the DESERT RATT schematic and parts listed and noticed that there was no parts description for L1. For the RF design-impaired builders like myself, what's an appropriate value? The schematic says

Q1 is an untuned RF amp, but doesn't the C1-C2-L1 combo create a tuned circuit??? Is L1 so large that it lets everything through???

Or did these old bifocals slip and did I just miss something???

Thanks for the help.

Gary, KJ5VW

Date: Fri, 14 May 1999 18:03:42 +0300
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [40408] K2 SSB option?
Message-ID: <373C3B4E.61CA@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Has there been any information forthcoming from the Elecraft booth at FDIIM about WHEN the SSB option for the K2 might become available? I suppose attendees must have asked this question and I hope someone would share the answer with other list readers. (I have not been able to get information on the availability from Elecraft directly.)

73,

--

Arjen Raateland
OH2ZAZ

Finnish Environment Institute
SAS Support
phone +358 9 4030 0350

Date: Fri, 14 May 1999 08:02:41 -0700 (PDT)
From: =?ISO-8859-1?Q?"KB=D8VCC"?= <kb0vcc@rocketmail.com>
To: qrp-l@Lehigh.EDU
Subject: [40409] NH to Australia @ 4.5w...
Message-ID: <19990514150241.7608.rocketmail@web1.rocketmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hey Gang,

I was burning the midnight (actually 3:55am) oil on the PC for a work-related project. The OHR-500 was on, just monitoring DX Q's in the 20m band for background noise. Eventually the QSOs ended so I tuned around a bit. Only heard one signal on the entire band. Was someone obnoxiously adjusting his keyer on-air. Just to let him know he was being heard, I sent, a quick " ? de KB0VCC". He responded immediately! I about fell out of my chair when I heard he was a VK3! I was driving the OHR-500 at a mighty 4.5w, force-feeding via a tuner a 40m dipole on 20m, across an inefficient 120 foot mix of RG-8 & RG-58. Without doing the math, I suspect my ERP was only slightly better than would have radiated from my dummy load. Might this have been grayline propagation? If so, that's a first for me. ...and VK is a first for my OHR-500. If nothing else, may this serve to inspire my fellow QRP'rs whose antennas are less than optimal.

72/73,
-Dale

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=====
Dale Anderson           In the Mt Washington Valley
KB0VCC                  Conway, New Hampshire
QRP-L #91 / CQC #251    Grid Sq: FN43KX
ARS #234 / FISTS #3172  http://www.qsl.net/kb0vcc
=====
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-----
DO YOU YAHOO!?
Get your free @yahoo.com address at http://mail.yahoo.com
```

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Date: Fri, 14 May 1999 10:22:44 -0500
From: "W5TB - 'Doc' Drake" <w5tb@SoftHome.net>
To: kreinbd@ccgate.dl.nec.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [40410] Re: HamCom and QRP-L event
Message-ID: <v04011701b361eaa58b75@[10.4.13.162]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
```


At 9:44 AM -0500 5/14/99, David Kreinberg wrote:

>G'day Group,

>

>I know Dayton is the talk of the day, but.....

>

>I'm a bit confused. I know that HamCom will feature QRP

>talks/presentations all day on Saturday, June 12. However,

>isn't there a gathering for the QRP-L folks at the hotel

>(Marriot?) that night?

Yes, Dave, NORCAL and NORTEX will host a HAMCOM hospitality gathering Saturday night (and an 'on your own' dinner at a local BBQ house Friday evening) The Saturday night gathering will be from 7pm-midnight in Conference Room B at the Marriott Courtyard.

No tux or reservation is required and it will be a come and go affair so everyone has time to go out for dinner and get back. Refreshments will be handled the NorCal way, "Everyone on their own" -- there will be soda machines nearby and a bar for those who want something stronger.

There will be plenty of good QRP conversation, some goodies to see, and a few surprises. Details will be published after Doug recovers from Dayton :-)

73 T.E. 'Doc' Drake W5TB

Arlington, TX w5tb@softhome.net <http://www.qsl.net/w5tb/>
QRP-ARCI # 3252 NORCAL #1002 QRP-L #673 FISTS # 5365
ARRL Life Member

Date: Fri, 14 May 1999 11:31:17 -0400
From: pelt@vt.edu
To: qrp-l@lehigh.edu
Subject: [40411] Alive and kicking
Message-ID: <CA159423B0C6D111B6930000929B68E9751B34@borg.cc.vt.edu>
MIME-Version: 1.0
Content-Type: text/plain

Buckmasters callsign look up shows me as a silent key. I can assure you that I am still in the fresh flesh and emitting low power rf into the airways.

72- Ranson W4WYT
QRP-L 12

Date: Fri, 14 May 1999 10:30:49 -0500
From: "W5TB - 'Doc' Drake" <w5tb@SoftHome.net>
To: kb0vcc@rocketmail.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [40412] Re: NH to Austraila @ 4.5w...
Message-ID: <v04011703b361f2044768@[10.4.13.162]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>, force-feeding via a tuner a 40m dipole on
>20m, across an inefficient 120 foot mix of RG-8 & RG-58.

Congratulations Dale! Quite a feat. BTW - this is not an uncommon propagation path at late night on 20. Band seems dead but is actually open to the South Pacific - it pays to operate at that time :-)

Now, do yourself a BIG favor and replace the RG-8 & RG-58 with open line. That way your losses will dissapear and you can tune that dipole 40 - 10 meters easily. Now that I've discovered just how easy this is I kick myself for not doing it years ago :-). All you need for QRP (and probably for 100w operation too) is 300 ohm twinlead and some standoff spacers from Radio Shack. If you want to go QRO there is ladder line for not too much more \$.

73 T.E. 'Doc' Drake W5TB

Arlington, TX w5tb@softhome.net <http://www.qsl.net/w5tb/>
QRP-ARCI # 3252 NORCAL #1002 QRP-L #673 FISTS # 5365
ARRL Life Member

Date: Fri, 14 May 1999 09:27:46 -0600
From: Dick Schneider <rschneid@ix.netcom.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [40413] FS or TRADE: NC20 -- SOLD
Message-ID: <373C40F1.F7790BE8@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Re FS/TRADE NC20 Unbuilt...

Tnx fer many replies. Rig sold in seconds.

72 Dick AB0CD..

Date: Fri, 14 May 1999 11:36:49 -0400
From: sdk@worldpath.net
To: qrp-l@lehigh.edu
Subject: [40414] Blue Racer
Message-ID: <3.0.5.32.19990514113649.0085d810@worldpath.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Just got my picture of the new Blue Racer. Nice...Cobalt blue powder finish, chrome top stuff. \$179. + shipping. Ahhh.

Scott W1STS

Date: Fri, 14 May 1999 11:17:18 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [40415] UPDATE: 20 w linear kit
Message-ID: <199905141601.MAA15769@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Howdy,

All the parts for the 20 W linear are now here. I'll kit them up and put the final touches to the instructions over the weekend.

If you said you wanted one, but haven't put a check in the mail yet, please do so soon, or your kit might go to someone on the "reserve" list!

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Fri, 14 May 1999 09:07:30 -0700
From: "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
To: qrp-l@lehigh.edu
Subject: [40416] Re: CW net
Message-ID: <19990514090730.D26707@dolphin.openprojects.net>

Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Made this message public so others can see what's going on with the practice net. Seems like a lot of people are interested in it, and I'll try my best to see if I can make it happen. I need to put some more time into the "rules" of the net first, though.

> That CW net on the novice band sounds great! I was licensed last December,
> put my radio away in February due to school, and am just now trying to
> re-learn Morse. My rig is an SW-40 which tunes from 7104 to 7138. I've been
> too intimidated to actually reach out much (though I've been trying to liste
> for a while each night, practice copying). It would be fun to hear the net &
> everyone checking in at reasonable speeds. :-)

I also have an SW-40, which tunes from 7098 to 7135. ;)

That's why I made it patently obvious about check-in speed. *I* have a
MAJOR problem copying anything much beyond 7wpm, mainly due to lack of
practice (I used to head copy much faster). I'm still working on the rules,
though. The draft that I posted on the QRP-L was really rough.

```
=====
      KC5TJA/6      |                      -| TEAM DOLPHIN |-
      DM13         |                      Samuel A. Falvo II
      QRP-L #1447   |                      http://www.dolphin.openprojects.net
      Oceanside, CA |.....
```

Date: Fri, 14 May 1999 11:15:23 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: radman@best.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [40417] Re: Pegasus flies to Dayton...
Message-ID: <373C4C1B.C6FF039F@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

That 1-Hz tuning step should make the Pegasus a natural for PSK31!

When will full tech specs become available from Ten-Tec?

Thanks to Conrad for the preview.

72/73, George

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE

Date: Fri, 14 May 1999 10:27:32 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [40418] Re: DESERT RATT Question about L1
Message-ID: <Pine.SUN.4.10.9905141015550.19463-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gary and others,
There are a few errors on the Desert Ratt info I posted. I guess I was so concerned about the schematic, I overlooked a couple of things. I'll get it cleaned up tonight and repost.

L1 is a 1-2uH inductor. With C1 and C2, it just forms a simple high pass filter to attenuate frequencies below around 3MHz to reduce AM broadcast interference from swamping the regen stage. I wound mine on a piece of copper clad 1 inch square with 20 turns of #26 wire wrap wire (or enameled coil wire) which came out 1.6uH. Thus the coil is 1" wide and about 1/16" thick! The little 1-inch piece of copper clad was then soldered to the main copper clad board vertically. Looks cute, works well. About 22 dB attenuation at 1MHz sweeping it with noise.

L2 is the main tuning/regen coil, even though I referred to it as L3 somewhere.

And yes, you can use an LED in place of the three diodes for making about 1.5V bias. I found that to be a bit anemic for good regenerative feedback, so put another diode in series with the LED to bring it up to about 2V.

Some of you guys are having fun, huh?

Sorry for the couple of errors and confusions, and will repost the more-corrector version later tonight.

72, Paul NA5N

Date: Fri, 14 May 1999 09:32:26 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [40419] HamCom Schedule
Message-ID: <01be9e27\$5afd1080\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dave asked, and here is the information that I pulled from several sources, including the NorCal Page. By the way, I am not at Dayton this year. But I will be at HamCom, Ft. Tuthill and Pacificon. Note that there is no additional charge for any of the QRP Events.

Friday night No Host Dinner at a famous Texas Barbecue House. Doc Drake will give us more details as we get closer to HamCom

Saturday QRP Forums:

Room M5

9:00 - Welcome Joe Spencer

9:30 - George Dobbs, G3RJV - Home Construction and G-QRP Club

10:30 - Doug Hendricks, KI6DS - What kit to buy & why!

11:00 - Chuck Adams, K5FO - To be announced

11:30 - Paul Harden, NA5N - Regen Receivers, An Electronics Course

1:30 - ??? Jay Bromley - W5JAY, Demo of Elecraft K2 out side in the flea market

5:00 - 7:00 Dinner on your own

7:00 - Midnight - QRP Open House in Conference Room B at the Courtyard

Marriott Hotel in Arlington. NorCal Regen Building Contest Judging at 8:00 PM

The flea market will be open:

1PM to 9PM on Friday

7AM to 5PM on Saturday

9AM to 2 PM on Sunday

Date: Fri, 14 May 1999 11:31:17 -0500
From: applitech@mcg.net (Claton Cadmus)
To: <pelt@vt.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [40420] Re: Alive and kicking
Message-ID: <006b01be9e2a\$01226940\$a10a5e2c@groucho>

Ranson W4WYT wrote:

> Buckmasters callsign look up shows me as a silent key. I can assure you
> that I am still in the fresh flesh and emitting low power rf into the
> airways.

Have you been wearing one of those Zombie badges lately?? ;-)

Date: Fri, 14 May 1999 10:14:43 -0700
From: Bob Hightower <ki7mn@extremezone.com>
To: pelt@vt.edu
Cc: qrp-1@lehigh.edu
Subject: [40421] Re: Alive and kicking
Message-ID: <199905141708.KAA00524@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:31 AM 5/14/99 -0400, you wrote:

>Buckmasters callsign look up shows me as a silent key. I can assure you
>that I am still in the fresh flesh and emitting low power rf into the
>airways.
>

Maybe your power is TOO low :^)

72,73

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

Date: Fri, 14 May 1999 13:34:50 -0400
From: "John J. McDonough" <jjmcd@tm.net>
To: <kb0vcc@rocketmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [40422] Re: NH to Austraila @ 4.5w...
Message-ID: <001001be9e30\$3c4ab3a0\$010044c0@mdp23b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Dale

Must have been the day for VK's. This morning I was doing my calendar, scanned across the band and heard a pretty strong 5 in WSO with a weak VK4. Noise was high. When they signed, the VK said QRZ DE VK4XA so I gave him a quick call (5W to a 40M vertical thru an MFJ tuner). Bang! He came right back - I couldn't believe it. My first across that pond, tho judging where the sun was, musta been the other way. I think it's about a tossup from here.

Great way to start off the day!

72/73 de WB8RCR <http://users.tm.net/jjmcd/>
didileydadidah QRP-L #1446 Code Warriors #35

-----Original Message-----

From: KB VCC <kb0vcc@rocketmail.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Friday, May 14, 1999 11:21 AM

Subject: NH to Austraila @ 4.5w...

>

>Hey Gang,

>

>I was burning the midnight (actually 3:55am) oil on the
>PC for a work-related project. The OHR-500 was on, just
>monitoring DX Q's in the 20m band for background noise.
>Eventually the QSOs ended so I tuned around a bit. Only
>heard one signal on the entire band. Was someone
>obnoxiously adjusting his keyer on-air. Just to let him
>know he was being heard, I sent, a quick " ? de KB0VCC".
>He responded immediately! I about fell out of my chair
>when I heard he was a VK3! I was driving the OHR-500 at
>a mighty 4.5w, force-feeding via a tuner a 40m dipole on
>20m, across an inefficient 120 foot mix of RG-8 & RG-58.
>Without doing the math, I suspect my ERP was only slightly
>better than would have radiated from my dummy load. Might
>this have been grayline propagation? If so, that's a
>first for me. ...and VK is a first for my OHR-500. If
>nothing else, may this serve to inspire my fellow QRP'rs
>whose antennas are less than optimal.

>

>72/73,

>-Dale

>

>=====

> Dale Anderson In the Mt Washington Valley
> KB0VCC Conway, New Hampshire
> QRP-L #91 / CQC #251 Grid Sq: FN43KX
> ARS #234 / FISTS #3172 <http://www.qsl.net/kb0vcc>
>=====

>
>
>
>
>
>-----

>DO YOU YAHOO!?

>Get your free @yahoo.com address at <http://mail.yahoo.com>
>

Date: Fri, 14 May 1999 12:24:20 +0000
From: Tim Ahrens <tahrens@hilconet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [40423] Re: FDIM Scoop - K2 Winner
Message-ID: <373C15F4.DFD667C@hilconet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Congrats L.B!!! Sorry I wasn't there to cheer.

cu

Tim W5FN

Date: Fri, 14 May 1999 11:50:53 -0700
From: Jim Sweeden<beavton.k12.or.us> (Jim Sweeden)
To: qrp-1@Lehigh.EDU
Subject: [40424] I Passed
Message-ID: <fc.000f47cb0095d300000f47cb0095d300.95d3a2@beavton.k12.or.us>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I passed my extra class exams Wednesday nite, and while I know I'm blowing my own horn I also wanted to say

thanks to all of you on the list for a whole lot of motivation and knowledge.

Thanks and 72,

James/KB7LJP
Portland, OR.

Date: Fri, 14 May 1999 13:28:40 -0600
From: Rod Cerkoney <rwc@frii.com>
To: Jim_Sweeden@beavton.k12.or.us, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [40425] WAVE! Was: I Passed
Message-ID: <19990514132840.47001@frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

On Fri, May 14, 1999 at 11:50:53AM -0700, Jim Sweeden wrote:
> I passed my extra class exams Wednesday nite, and while I know I'm blowing

Bravo! Good Job, Jim.

Now, in sport stadium fashion, lets give the man a [virtual] WAVE!

--
72/3 NØRC
Rod Cerkoney
Fort Collins, CO
QRP-L #1764, NorCal, QRP ARCI, CQC & FISTS
da di dah

Date: Fri, 14 May 1999 15:40:04 EDT
From: HWRM1SS@aol.com
To: qrp-l@lehigh.edu, njqrp@njqrp.org
Subject: [40426] QRP SILENT KEY
Message-ID: <2cae6aba.246dd614@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Fellow QRPers,

With all of the confusion and errors in reporting the passing of our fellow QRPers I think that it would be proper for all of us to report our own passing (in advance) to either Chuck at QRP-L or George at NJQRP.

With timely notice "SILENT KEY CANDIDATES" will not be inconvenienced or shocked when reading their own obituaries, and it will also allow those of us who want your equipment, accessories, and antennas (no antennae is NOT CORRECT) to properly plan our estate purchases.

Those not announcing their passing in a timely manner should be removed from the list immediately.

Those who have a K2 on order should notify ME immediately for proper disposition of this equipment.

Respectfully submitted

Howard K3HW -- QRP Silent Key Administrator

Date: Fri, 14 May 1999 14:43:15 -0500
From: "Chris Cieslak" <ccieslak@law.uiuc.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [40427] Re: WAVE! Was: I Passed
Message-ID: <002501be9e42\$027b0780\$0f1215ac@classifiedventures.com>

I started a wave here in my cubicle for you, Jim, but everyone just looked at me funny.

:)

73 chris aa9hd (not at dayton! :()

> On Fri, May 14, 1999 at 11:50:53AM -0700, Jim Sweeden wrote:
> > I passed my extra class exams Wednesday nite, and while I know I'm
blowing
>
> Bravo! Good Job, Jim.
>
> Now, in sport stadium fashion, lets give the man a [virtual] WAVE!
>
>

Date: Fri, 14 May 1999 14:56:38 -0500
From: Jim Ek <JIM-EK@worldnet.att.net>
To: "'Low Power Amateur Radio'" <qrp-1@Lehigh.EDU>
Subject: [40428] Looking for Info
Message-ID: <01BE9E1A.0765C140@95.bridgeton-02.mo.dial-access.att.net>

I'm looking for info about Amateur Radio. Know almost nothing about electronics or the hobby. I live in Bloomington, IN which is 50 miles south of Indianapolis. Quite hilly, but believe that I read where terrain would not totally limit ability to use radio.

Can you point me to info on the web so I can start to familiarize myself with what is available, what test I need to take, equipment requirements.

This is something that has kind of ground in the back burners of my mind for awhile. Couple of years ago I did some reading and the concept of low power sounded kind of interesting. Don't really remember much of what I read.

One of the main concerns I have in addition to knowing almost nothing, is about antennas. My wife left no question about the fact that she doesn't at all like the look of outside television antennas. So I don't know where that leaves me as far as a permanent antenna idea.

I have a problem with hearing, I do wear aids, but if you know of anyone who does wear them you probably know they are far from perfect. Kind of thought that if I worked with Morse that would be helpful.

Would appreciate it if you could send me advice, websites, or just plain old information. Since I've never really had any exposure in this area before, I don't want to really drop too much money into the hobby (I know this is a relative term...like to stay under \$200.00 if possible), until I know if this is for me.

Thanks in advance,
Jim

Date: Fri, 14 May 1999 14:20:29 -0600
From: Rod Cerkoney <rwc@frii.com>
To: JIM-EK@worldnet.att.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [40429] Re: Looking for Info
Message-ID: <19990514142029.24645@frii.com>

Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello & welcome:

On Fri, May 14, 1999 at 02:56:38PM -0500, Jim Ek wrote:

> I'm looking for info about Amateur Radio. Know almost nothing about

A good start would be <http://www.arrl.org/hamradio.html>, for a brief introduction, and links to more information. If you like what you see there, the next step might be to get a copy of "Now Your Talking"; a license guide published by the ARRL (American Radio Relay League). Just who is the ARRL you might ask; From their home page, www.arrl.org:

"The American Radio Relay League is the principal representative of the Amateur Radio Services, serving members by protecting and enhancing spectrum access and providing a national resource to the public. "

> electronics or the hobby. I live in Bloomington, IN which is 50 miles
> south of Indianapolis. Quite hilly, but believe that I read where terrain
> would not totally limit ability to use radio.

Hills are good, especially if you are on top of one. ;-) "Now Your Talking" will give you a good introduction to all you need. Electronic, Rules & Regs, Antennas and more. BTW: I've been to Bloomington, nice place.

> this is a relative term...like to stay under \$200.00 if possible), until I

A small QRP rig like the NorCal 40; OHR rigs or those from Small Wonders Labs, SWL+ series; a wire antenna; an inexpensive key and a 12V power supply, will get you started at or below your price point. For web links to equipment, other clubs and a whole lot more, start with:
<http://qrp.cc.nd.edu/qrp-l/hamlinks.html>.

If you decide you want a copy of "Now Your Talking", but don't want to lay out the cash, let me know. I have a copy that is yours for the asking.

Good luck, enjoy, and welcome to Ham Radio.

--

72/3 NØRC
Rod Cerkoney
Fort Collins, CO
QRP-L #1764, NorCal, QRP ARCI, CQC & FISTS
da di dah

Date: Fri, 14 May 1999 14:42:39 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: HWRM1SS@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [40430] Re: QRP SILENT KEY
Message-ID: <Pine.LNX.3.95.990514140140.2033A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I believe Howard's posting shows future thinking of the highest order and he should be congratulated!...

...picture this.....reminds me of a memo we received one day many years ago in our workplace....apparently civil servants were dying on the job and not falling down...the trouble was if they didn't fall down no one could tell if they were actually dead or just carrying on their regular duties...monthly pay cheques continued to be electronically deposited in their chequing accounts some times close to a full year before it was discovered that they were indeed no longer "with us."...the memo urged all civil servants to make individual arrangements by either electronic devices or mechanical means or a friend passing by their desk so as to ensure that their bodies did fall down upon leaving this world....this practice continues to this day...in fact some departments have employees on the payroll whose duty it is to walk through the entire building everyday, walk up to each civil servant, gently but firmly push with one finger against the employee's shoulder to see if he/she will fall down...this employee's official job title is that of "Pushover."...in order to discover the status of a Pushover, if he/she hasn't begun their rounds by 8:15 a.m. the nearest civil servant to the Pushover's office walks in and applies the Pushover method to determine the present status of the Pushover...a weekend problem persisted in that because no civil servants work on weekends sometimes employees died near quitting time on Friday....unless notification was given by that person's family over the weekend that the employee did not arrive home as usual, no one would discover the event until the following Monday morning...this problem was solved by having a supply of air filter masks on hand as employees arrived Monday morning to begin another week of work...
...WAIT A MINUTE....WHAT'S HAPPENING HERE?....good grief....see what happens when I don't get to go to FDM?...my mind(?) wanders away from QRP and that's TROUBLE IN CAPITAL LETTERS!

...apolojeticalleee.....the Scribe

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan, Canada
Amateur Radio Stamp Collector "QRP! How sweet it is!"

On Fri, 14 May 1999 HWRM1SS@aol.com wrote:

> Fellow QRPers,
>
> With all of the confusion and errors in reporting the passing of our fellow

Date: Fri, 14 May 1999 13:41:11 -0700 (PDT)
From: Ted Beach <tedbeach@yahoo.com>
To: qrp1 <qrp-1@lehigh.edu>
Subject: [40431] Re:Desert Ratt
Message-ID: <19990514204111.29383.rocketmail@web602.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I have had just a little time to examine the neat stuff done on the Desert Ratt, and have a couple of observations:

- 1] L1 is not identified or discussed
- 2] R8 is not listed in the parts list (Q3 emitter)
- 3] Polarity of C17 not indicated
- 4] C21 is not listed in parts list, and polarity not indicated
- 5] In the discussion, reference is made to "L3" when I believe "L2" is intended.

In the "I wonder if..." department, could we not use the LED as the reference voltage bias regulator for Q2?? R5 would have to be lots smaller, but what the heck!

Nice job Paul!

Ted Beach
K4MKX

Do You Yahoo!?
Free instant messaging and more at <http://messenger.yahoo.com>

Date: Fri, 14 May 1999 16:50:37 -0400

From: "Mike Yetsko" <myetsko@insydesw.com>
To: <rattray@gpfn.sk.ca>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [40432] Re: QRP SILENT KEY
Message-ID: <005501be9e4b\$6d787820\$9001a8c0@mikey>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Better be careful though.... Someone may just be taking a year off
dead for tax reasons.

Mike
N1DVJ

Date: Fri, 14 May 1999 15:28:26 -0600
From: Larry East <wlhue@amsat.org>
To: qrp-1@lehigh.edu
Subject: [40433] Such is "Progress" ... :-(
Message-ID: <3.0.3.32.19990514152826.0094fba0@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>From a recent post RE: TenTec's new rig:
>
>Pegasus interface: Where's the knobs? Since Pegasus is a
>"virtual transceiver" you can only see the front panel and
>main tuning knob via your computer screen using Pegasus
>software. The tuning knob -- and other Pegasus controls --
>are manipulated with your mouse using "rotations, clicks,
>switches and sliders." The main tuning knob has 12 rates ...
> etc. etc.

Well, folks, if this is the way that radio equipment is going, I'm glad I
can build my own little rigs that have REAL knobs. When I can't do that
anymore, guess I'll either take up golf or die...

No, I'm not a complete anti-technology butt-head. In fact, I have been
developing software for data acquisition and control applications since
before many of you were born. Guess I just like the feel of "real" knobs
... and I HATE to use a mouse! I always make sure that the Windows (X, 98
or NT) software that I develop can be navigated completely from the
keyboard as well as via a "pointing rodent"... yes, that IS possible!

Since I use computers all day at work, maybe I just want to get away from 'em when I'm on my own time.

So much for my complaining... back to my hole!

Larry, W1HUE/7

PS -- Please send all comments about "how out of touch with reality" I am to w1hue@null.dev

Date: Fri, 14 May 1999 17:51:43 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: HWRM1SS@aol.com
Cc: QRP-L@LEHIGH.EDU
Subject: [40434] Re: QRP SILENT KEY
Message-ID: <373C9AEF.3BF6@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ghoul! Please remember that most silent keys have families who wish to have their feelings respected. They don't want a ton of QRPers showing up to paw through the deceased's belongings before the body is cold.

73

Date: Fri, 14 May 1999 15:23:45 -0400
From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [40435] Dayton '99: Day One
Message-ID: <19990514.152904.13774.0.nilsbull@juno.com>

Gang,

I arrived with a mission. First I needed to see the QRP booths gang. That was easy. Even had a rational conversation. Then I went to where the guy from Germany was selling the poles. Bought one of those. Ran into Ed Manuel just as he was leaving. Then I went outside and cruised the fleas. Found Tom Perera's traveling telegraphic museum, looked at his stuff & some other folks who had telegraph stuff. Plan for tomorrow with cash.

I kept waiting for it to rain and swear that I felt one drop hit my wrist. Then . . .

The bus system is really messed up this year. Last couple years they had places in tents designated as stopping and line forming spots for each bus by number (and route). This year it's like wherever. So I watched the end of the line for the #1 (Salem Mall) bus surge back and forth across the tarmac for an hour before the bus finally stopped in front of me and Paula Franke & her friend. Plan tomorrow to raise a little hell over this & then go inside to check out whatever.

So if the sky clears & it doesn't rain, it will be hot weather & a sunburned pate tomorrow. And I still have one or two more things that I'm interested in what I might yet go back and get or something. Whatever.

I'm not doing the banquet tonight for the same reason that I don't post that much any more often: simplicity. But I am gonna go to the post banquet stuff, after Cindy & Andy & I go out to eat & sit around the house folding laundry. You gotta have your priorities straight.

Hasta la segunda entregada, dudes & dudesses!

73

Nils

. . . can't believe they didn't let the gang from Transistor Sister come back this year. Stupid organizers.

Nils R. Bull Young :: La Estancia de los Guajolotes Sonrientes
WB8IJN &c :: The Tagalong Press :: email to nilsbull@juno.com
"In my day we had to FIGHT to have email! Every day was a struggle!"
-- Comrade Sergei Nikolaievich

McTovarishov

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or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 14 May 1999 17:03:45 -0500
From: "Chris Cieslak" <ccieslak@law.uiuc.edu>
To: <w1hue@amsat.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [40436] Re: Such is "Progress" ... :-(
Message-ID: <000e01be9e55\$a3086e00\$0f1215ac@classifiedventures.com>

I agree with Larry-- I've been involved with computers longer than i have with radios, and since i stare at a computer screen all day at work, the

last thing i want to do when i get home is that :)

I like operating digital modes, but still, without a tactile radio to play with, i don't know...

:)

73 chris aa9hd

> Well, folks, if this is the way that radio equipment is going, I'm glad I
> can build my own little rigs that have REAL knobs. When I can't do that
> anymore, guess I'll either take up golf or die...

>

> No, I'm not a complete anti-technology butt-head. In fact, I have been
> developing software for data acquisition and control applications since
> before many of you were born. Guess I just like the feel of "real" knobs
> ... and I HATE to use a mouse! I always make sure that the Windows (X, 98
> or NT) software that I develop can be navigated completely from the
> keyboard as well as via a "pointing rodent"... yes, that IS possible!

>

> Since I use computers all day at work, maybe I just want to get away from
> 'em when I'm on my own time.

Date: Fri, 14 May 1999 16:06:07 -0600

From: Larry East <wlhue@amsat.org>

To: brisch@MN.USWEST.NET

Cc: qrp-1@lehigh.edu

Subject: [40437] Re: Such is "Progress" ... :-(

Message-ID: <3.0.3.32.19990514160607.00920190@axp1>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 03:01 PM 5/14/99 -0700, an unnamed individual wrote:

>maybe we need a

>ham radio with a computer in it that will hide the software and operate more
>like a radio.

>Don't ask me how, I don't know, just an idea.

>

Simple: Stick a knob on a rotary encoder and interface it to the software!
That's how it's done in most of today's microprocessor controlled rigs.

Looks like TenTec has just replaced an inexpensive microprocessor with an
expensive PC... :-)

72, Larry

End of QRP-L Digest 1457
